INTERNATIONAL SEARCH REPORT

International Application No
/FR2004/000689

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/26 H04N7/36 H04N7/46 H04N7/30 H04N7/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HARIDASAN R ET AL: "Scalable coding of video objects" CIRCUITS AND SYSTEMS, 1998. ISCAS '98. PROCEEDINGS OF THE 1998 IEEE INTERNATIONAL SYMPOSIUM ON MONTEREY, CA, USA 31 MAY-3 JUNE 1998, NEW YORK, NY, USA,IEEE, US, 31 May 1998 (1998-05-31), pages 289-292, XP010289442 ISBN: 0-7803-4455-3 pages IV-289 - pages IV-292, paragraph 3-5 figures 2-4	42
A		1-41, 43-47

-/--

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
14 September 2004	04/10/2004

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016.	Lombardi, G

1

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MARQUANT G: "THESE REPRESENTATION PAR MAILLAGE ADAPTATIF DEFORMABLE POUR LA MANIPULATION ET LA COMMUNICATION D'OBJETS VIDEO" THESE L'UNIVERSITE DE RENNES,, no. 2453, December 2000 (2000-12), pages 5-17,19-77,79-163,165-267,269-296, XP001059069 cited in the application page 220, paragraph 9.2.7 - page 221; figure 9.9 page 257 - page 258, paragraph 11.2; figures 11.13,11.14	42
A		1-41, 43-47
A	CAMMAS N ET AL: "FINE GRAIN SCALABLE VIDEO CODING USING 3D WAVELETS AND ACTIVE MESHES" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 5022, 21 January 2003 (2003-01-21), pages 358-365, XP008024465 ISSN: 0277-786X pages 359-361, paragraph 3.1 - paragraph 3.3 figures 2-7	1-48
A	US 5 974 183 A (WILKINSON JAMES HEDLEY) 26 October 1999 (1999-10-26) column 2, line 21 - column 4, line 25 figures 1-3	1-47
A	ANTOINE J-P ET AL: "Shape characterization with the wavelet transform" SIGNAL PROCESSING. EUROPEAN JOURNAL DEVOTED TO THE METHODS AND APPLICATIONS OF SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 62, no. 3, 1 November 1997 (1997-11-01), pages 265-290, XP004107325 ISSN: 0165-1684 page 268 - page 272, paragraph 3	1-47
A	WO 01/39503 A (KONINKL PHILIPS ELECTRONICS NV) 31 May 2001 (2001-05-31) page 6, line 4 - page 8, line 3 figures 4A,5A-5C,6,8A-8B	1-47

-/--

INTERNATIONAL SEARCH REPORT

International Application No
I/FR2004/000689

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HAN S-C ET AL: "SPATIOTEMPORAL SUBBAND/WAVELET CODING OF VIDEO WITH OBJECT-BASED MOTION INFORMATION" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP 1998. SANTA BARBARA, CA, OCT. 26 - 29, 1997, LOS ALAMITOS, CA: IEEE COMPUTER SOCIETY, US, vol. 2, 26 October 1997 (1997-10-26), pages 629-632, XP000912012 ISBN: 0-8186-8184-5 the whole document	1-47
A	EP 0 614 318 A (TOKYO SHIBAURA ELECTRIC CO) 7 September 1994 (1994-09-07) page 8, line 43 - page 9, line 4 page 9, line 43 - page 11, line 3 figures 16,17	1-47

INTERNATIONAL SEARCH REPORT

ıational Application No
:/FR2004/000689

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5974183 A	26-10-1999	GB 2303267 A	12-02-1997
		JP 3469708 B2	25-11-2003
		JP 8336147 A	17-12-1996
WO 0139503 A	31-05-2001	US 6639943 B1	28-10-2003
		BR 0007657 A	06-11-2001
		CN 1355995 T	26-06-2002
		WO 0139503 A1	31-05-2001
		EP 1151613 A1	07-11-2001
		JP 2003515987 T	07-05-2003
		PL 348970 A1	17-06-2002
		TR 200102123 T1	21-01-2002
EP 0614318 A	07-09-1994	JP 7067111 A	10-03-1995
		JP 3405788 B2	12-05-2003
		JP 7170523 A	04-07-1995
		DE 69421837 D1	05-01-2000
		DE 69421837 T2	20-04-2000
		EP 0614318 A2	07-09-1994
		US 5592228 A	07-01-1997